

REMARKS

Applicant respectfully requests reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow.

In the specification, paragraphs have been amended on pages 2, 7, 11, and 21.

Claims 1-3 are currently being amended.

Claims 4-19 are being added.

This amendment adds, changes and/or deletes claims in this application. A detailed listing of all claims that are, or were, in the application, irrespective of whether the claim(s) remain under examination in the application, is presented, with an appropriate defined status identifier.

After amending the claims as set forth above, claims 1-19 are now pending in this application.

Objection to the Drawings

The drawings are objected to “because the ‘upper sections 52a’ and the ‘dovetail section 52b’ mentioned on page 11 and lines 20 and 22 are not numbered in the drawings.” See Office Action at page 2. Applicants note that “upper sections 52a” and “dovetail section 52b” are illustrated in Figure 7. Withdrawal of this objection is respectfully requested.

Objection to the Specification

The specification is objected to for including informalities. Per the amendments above, these informalities have been removed from the specification. Withdrawal of this objection is respectfully requested.

Rejection under 35 U.S.C. § 112

Claims 1-3 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. Claims 1 and 2 have been amended to overcome this rejection. Withdrawal of this rejection is respectfully requested.

Rejection under 35 U.S.C. § 102(b)

Claims 1 and 3, as depending upon claim 1, are rejected under 35 U.S.C. § 102(b) as being anticipated by JP 6-115786 or JP 6-74104. This rejection is respectfully traversed.

Claim 1 requires a “paper roll support device for a rotary press, for supporting a paper roll for rotation and rotation braking together with a paper roll, set so that in the event of a normal stop at the time of normal operation, rotation of the paper roll is stopped after a predetermined rotation braking time has elapsed, while in the event of an emergency stop in an emergency, rotation of the paper roll is stopped using a rotation braking time that is shorter than the rotation braking time predetermined at the time of normal operation.” The paper roll support devices includes a pair of support means, a pressure change assigning means that includes a path change-over means and at least one fluid pressure setting means, a pressing means, and a paper roll detachment and change-over means for changing a path of fluid for creating pressure in the pressing means. The pressure change assigning means is “for (a) reciprocating in a direction of movement of the support means, (b) providing pressure to at least one support means to cause movement in a direction reducing a distance between a pair of support means, and (c) selectively changing over and assigning pressure for carrying out movement in a direction so as to reduce a distance between a pair of support means between at least two magnitudes, wherein in the event of a sudden stop of a rotary press, the pressure change assigning means is adapted to increase contact force between the support means and the inner tube of the paper roll by increasing pressure to cause movement in a direction to reduce a distance between a pair of support means.”

JP 6-115786 does not teach a paper roll support device for a rotary press that includes a pressure change assigning means that reciprocates in a direction of movement of the support means, that provides pressure to at least one support means to cause movement in a direction

reducing a distance between a pair of support means, and is for “selectively changing over and assigning pressure for carrying out movement in a direction so as to reduce a distance between a pair of support means between at least two magnitudes, wherein in the event of a sudden stop of a rotary press, the pressure change assigning means is adapted to increase contact force between the support means and the inner tube of the paper roll by increasing pressure to cause movement in a direction to reduce a distance between a pair of support means.” Nor does JP 6-115786 teach a pressure change assigning means that includes a path change-over means and at least one fluid pressure setting means. JP 6-115786 does not teach a paper roll detachment and change-over means for changing a path of fluid for creating pressure in the pressing means.

JP 6-74104 does not teach a “paper roll support device for a rotary press, for supporting a paper roll for rotation and rotation braking together with a paper roll, set so that in the event of a normal stop at the time of normal operation, rotation of the paper roll is stopped after a predetermined rotation braking time has elapsed, while in the event of an emergency stop in an emergency, rotation of the paper roll is stopped using a rotation braking time that is shorter than the rotation braking time predetermined at the time of normal operation” with a pressure change assigning means that “in the event of a sudden stop of a rotary press, the pressure change assigning means is adapted to increase contact force between the support means and the inner tube of the paper roll by increasing pressure to cause movement in a direction to reduce a distance between a pair of support means.” JP 6-74104 teaches a device in which “air at a pressure set by a first pressure reduction valve is supplied to the air motor to increase contact force between the paper roll and end holders” when a paper roll is mounted and during operation a “second three-way valve is switched to supply air at a pressure set by the second pressure reduction valve to the air motor and the contact force between the paper roll and the end holders is reduced.” JP 6-74104 does not teach that the device uses an emergency braking time, nor does JP 6-74104 teach a pressure change assigning means that increases contact force between support means and the inner tube of a paper roll by increasing pressure in the event of a sudden stop of a rotary press. Withdrawal of the rejection is respectfully requested.

Rejection under 35. U.S.C. § 103(a)

Claims 2 and 3, as depending upon claim 2, are rejected under 35 U.S.C. 103(a) as being unpatentable over either JP 6-115786 in view of Hatakeyama et al. (U.S. Patent 4,801,109) or JP 6-74104 in view of Hatakeyama et al. (U.S. Patent 4,801,109). Hatakeyama et al. does not remedy the deficiencies of JP 6-115786 and JP 6-74104, as noted above. Withdrawal of this rejection is respectfully requested.

Claims 4-19 have been added. Applicants believe that claims 4-19 are allowable over the prior art cited by the Examiner.

Applicants believe that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

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